

GenCore version 5.1.3
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OM nucleic acid search using SW model

Run on: January 14, 2003, 11:42:32 : Search time 17516 seconds
(without alignments)
8576.279 Million cell updates/sec

Title: US-09-910-428-2

Perfect score: 26

Sequence: 1 cctcccaatcaatcaatttttc 26

Scoring table: IDENTITY_NUC

Gap: 10.0, Gapext 1.0

Searched: 389086 seqs, 220051671 residues 778172

Total number of hits satisfying chosen parameters

Minimum DB seq length: 0

Maximum DB seq length: 20000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications_NA:

- 1: /cgn2_6/plodata/2/pubppna/US07_PUBCOMB.seq
- 2: /cgn2_6/plodata/2/pubppna/PCT_NEW_PUB.seq
- 3: /cgn2_6/plodata/2/pubppna/US06_NEW_PUB.seq
- 4: /cgn2_6/plodata/2/pubppna/US06_PUBCOMB.seq
- 5: /cgn2_6/plodata/2/pubppna/US07_NEW_PUB.seq
- 6: /cgn2_6/plodata/2/pubppna/PCTUS_PUBCOMB.seq
- 7: /cgn2_6/plodata/2/pubppna/US08_NEW_PUB.seq
- 8: /cgn2_6/plodata/2/pubppna/US08_PUBCOMB.seq
- 9: /cgn2_6/plodata/2/pubppna/US09_NEW_PUB.seq
- 10: /cgn2_6/plodata/2/pubppna/US09_PUBCOMB.seq
- 11: /cgn2_6/plodata/2/pubppna/US10_NEW_PUB.seq
- 12: /cgn2_6/plodata/2/pubppna/US10_PUBCOMB.seq
- 13: /cgn2_6/plodata/2/pubppna/US10_NEW_PUB.seq
- 14: /cgn2_6/plodata/2/pubppna/US10_PUBCOMB.seq

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	25	100.0	26	US-09-910-428-2	Sequence 2, Appl
2	26	100.0	522	US-09-910-428-2	Sequence 2, Appl
3	26	100.0	540	US-09-910-428-4	Sequence 4, Appl
4	26	100.0	2869	US-09-910-428-3	Sequence 3, Appl
5	18.6	71.5	371	US-09-974-300-5591	Sequence 5591, Ap
6	18.6	71.5	1362	US-09-887-576-487	Sequence 487, Ap
7	18.6	71.5	2000	US-09-887-576-86	Sequence 86, Appl
8	18.2	70.0	708	US-09-974-300-1501	Sequence 1501, Ap
9	18.2	70.0	12768	US-09-070-927A-128	Sequence 128, Ap
10	18	69.2	501	US-09-864-761-8440	Sequence 8440, Ap
11	18	69.2	143306	US-09-723-920-3	Sequence 3, Appl
12	17.8	68.5	711	US-09-746-284-28	Sequence 28, Appl
13	17.6	67.7	608	US-09-974-300-1779	Sequence 1779, Ap
14	17.6	67.7	2000	US-09-938-842A-3854	Sequence 3854, Ap
15	17.6	67.7	22067	US-10-083-302-3	Sequence 3, Appl
16	17.6	67.7	90050	US-09-893-238-5	Sequence 3, Appl
17	17.2	66.2	128	US-09-864-761-24439	Sequence 24439, A
18	17.2	66.2	328	US-09-878-574-3747	Sequence 3747, A
19	17.2	66.2	549	US-09-716-457-1686	Sequence 1686, Ap

ALIGNMENTS

20	17.2	66.2	549	US-09-922-941-1686	Sequence 1686, Ap
21	17.2	66.2	549	US-09-849-626-1686	Sequence 1686, Ap
22	17.2	66.2	570	US-09-864-761-1735	Sequence 1735, Ap
23	17.2	66.2	1225	US-09-864-761-1735	Sequence 1735, Ap
24	17.2	66.2	1344	US-09-888-615-50	Sequence 50, Appl
25	17.2	66.2	1400	US-09-784-423-35	Sequence 35, Appl
26	17.2	66.2	38844	US-10-060-333-3	Sequence 3, Appl
27	17.2	66.2	62944	US-09-954-456-2257	Sequence 2257, Ap
28	17.2	66.2	249487	US-10-026-188-3	Sequence 3, Appl
29	17	65.4	444	US-09-880-107-3	Sequence 3, Appl
30	17	65.4	412	US-09-776-695-21	Sequence 21, Appl
31	17	65.4	436	US-09-783-590-4459	Sequence 4459, Ap
32	17	65.4	472	US-09-783-590-1552	Sequence 1552, Ap
33	17	65.4	516	US-09-867-701-848	Sequence 848, Ap
34	17	65.4	1483	US-09-764-847-1181	Sequence 1181, Ap
35	17	65.4	1728	US-09-918-568-28	Sequence 28, Appl
36	17	65.4	2004	US-09-887-576-314	Sequence 314, Ap
37	17	65.4	5071	US-09-764-877-2950	Sequence 2950, Ap
38	17	65.4	10838	US-09-764-877-2698	Sequence 2698, Ap
39	17	65.4	11553	US-09-764-847-1155	Sequence 1155, Ap
40	17	65.4	11553	US-09-764-847-1155	Sequence 1155, Ap
41	17	65.4	56737	US-09-782-378A-17	Sequence 17, Appl
42	17	65.4	180216	US-09-835-232-6	Sequence 6, Appl
43	16.8	64.6	345	US-09-815-343-586	Sequence 586, Ap
44	16.6	63.8	217	US-09-815-242-1862	Sequence 1862, Ap
45	16.6	63.8	338	US-09-074-300-1033	Sequence 1033, Ap

RESULT 1

US-09-910-428-2

Sequence 2, Application US/09910428

Patent No. US20020112315A1

GENERAL INFORMATION:

APPLICANT: HERRING, WILLIAM O.

APPLICANT: HALE, CHAD S.

APPLICANT: JOHNSON, GARY S.

FILE REFERENCE: US-09-910-428

CURRENT AFFILIATION NUMBER: US-09-910-428

PRIOR FILING DATE: 2000-07-19

NUMBER OF SEQ ID NOS: 5

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 2

LENGTH: 26

TYPE: DNA

ORGANISM: Bos taurus

US-09-910-428-2

Query Match

Best Local Similarity 100.0%

Matches 26, Conservative 0, Mismatches 0

DB 1 cctcccaatcaatcaatttttc 26

1 cctcccaatcaatcaatttttc 26

1 cctcccaatcaatcaatttttc 26

1 cctcccaatcaatcaatttttc 26

1 cctcccaatcaatcaatttttc 26

1 cctcccaatcaatcaatttttc 26

1 cctcccaatcaatcaatttttc 26

1 cctcccaatcaatcaatttttc 26

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1 cctcccaatcaatcaatttttc 26

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CURRENT FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 60/219,180
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patent In Vet. 2.1
SEQ ID NO 5
LENGTH: 522
TYPE: DNA
ORGANISM: Bos indicus
US-09-910-428-5

```

```

Query Match          100.0%  Score 26;  DH 10;  Length 522;
Best Local Similarity 100.0%  Pred. No. 0.043;
Matches 26;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;

```

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QY      1  CCTCCCAATCAATTAATTTCTG 26
DB      400 CCTCCCAATCAATTAATTTCTG 275

```

```

RESULT 4
US-09-910-428-4/c
Sequence 4, Application US/09910428
Patent No. US20020142315A1
GENERAL INFORMATION:
APPLICANT: HERRING, WILLIAM O.
APPLICANT: HALL, CHAD S.
APPLICANT: JOHNSON, GARY S.
TITLE OF INVENTION: A DNA MARKER FOR CATTLE GROWTH
FILE REFERENCE: DVM0:00705
CURRENT APPLICATION NUMBER: US/09/910-428
PRIOR FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 60/219,180
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patent In Vet. 2.1
SEQ ID NO 4
LENGTH: 540
TYPE: DNA
ORGANISM: Bos taurus
US-09-910-428-4

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Query Match          100.0%  Score 26;  DH 10;  Length 540;
Best Local Similarity 100.0%  Pred. No. 0.044;
Matches 26;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;

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QY      1  CCTCCCAATCAATTAATTTCTG 26
DB      418 CCTCCCAATCAATTAATTTCTG 293

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RESULT 4
US-09-910-428-4/c
Sequence 4, Application US/09910428
Patent No. US20020142315A1
GENERAL INFORMATION:
APPLICANT: HERRING, WILLIAM O.
APPLICANT: HALL, CHAD S.
APPLICANT: JOHNSON, GARY S.
TITLE OF INVENTION: A DNA MARKER FOR CATTLE GROWTH
FILE REFERENCE: DVM0:00705
CURRENT APPLICATION NUMBER: US/09/910-428
PRIOR FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 60/219,180
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patent In Vet. 2.1
SEQ ID NO 3
LENGTH: 2869
TYPE: DNA
ORGANISM: Bos taurus
US-09-910-428-3

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```

Query Match          100.0%  Score 26;  DH 10;  Length 2869;
Best Local Similarity 100.0%  Pred. No. 0.054;
Matches 26;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;

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QY      1  CCTCCCAATCAATTAATTTCTG 26
DB      2691 CCTCCCAATCAATTAATTTCTG 2666

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RESULT 5
US-09-974-300-5591/c
Sequence 5591, Application US/09974300
Patent No. US20020146721A1
GENERAL INFORMATION:
APPLICANT: DeRka, Randy M.
APPLICANT: Clausen, Id Groth
TITLE OF INVENTION: Methods For Monitoring Multiple Gene
FILE REFERENCE: 10085, 500-US
CURRENT APPLICATION NUMBER: US/09/974,300
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: 09/680,598
PRIOR FILING DATE: 2000-10-06
PRIOR APPLICATION NUMBER: 60/279,526
NUMBER OF SEQ ID NOS: 8481
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 5591
LENGTH: 371
TYPE: DNA
ORGANISM: Bacillus clausii
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(371)
OTHER INFORMATION: n - A.T.C of G
US-09-974-300-5591

```

```

Query Match          71.5%  Score 18.6;  DH 10;  Length 371;
Best Local Similarity 84.0%  Pred. No. 46;
Matches 21;  Conservative 0;  Mismatches 4;  Indels 0;  Gaps 0;

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QY      1  CCTCCCAATCAATTAATTTCT 25
DB      279 CCTCCCAATCAATTAATTTCT 255

```

```

RESULT 6
US-09-887-576-487/c
Sequence 487, Application US/09887576
Patent No. US20020144047A1
GENERAL INFORMATION:
APPLICANT: Budworth, P.
APPLICANT: Brown, D.
APPLICANT: Chang, H.
APPLICANT: Zhu, T.
APPLICANT: Han, H.
APPLICANT: Han, X.
APPLICANT: Wang, X.
APPLICANT: Cooper, Bret
TITLE OF INVENTION: Promoters for regulation of plant expression
FILE REFERENCE: 1360, 001081
CURRENT APPLICATION NUMBER: US/09/887,576
PRIOR FILING DATE: 2001-06-25
PRIOR APPLICATION NUMBER: US 60/219,848
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: US 60/214,087
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: US 60/258,692
PRIOR FILING DATE: 2000-12-29
NUMBER OF SEQ ID NOS: 875
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 487
LENGTH: 1362
TYPE: DNA

```

ORGANISM: Arabidopsis thaliana
US-09-887-576-487

Query Match
Best Local Similarity 84.0%; Score 18.6; DB 10; Length 1362;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCTCCCAATCATTTACTTTCT 25
|||||
DB 1158 CCTCCCAATCATTTACTTTCT 1134

RESULT 7

US-09-887-576-86/c
Sequence 86, Application US/09887576
Patent No. US20020144047A1
GENERAL INFORMATION:
APPLICANT: Budworth, P.
APPLICANT: Brown, D.
APPLICANT: Chang, H.
APPLICANT: Zhu, T.
APPLICANT: Han, H.
APPLICANT: Wang, X.
APPLICANT: Cooper, Bret
TITLE OF INVENTION: Promoters for regulation of plant expression
FILE REFERENCE: 1360.001US1
CURRENT APPLICATION NUMBER: US/09/887,576
CURRENT FILING DATE: 2001-06-25
PRIOR APPLICATION NUMBER: US 60/213,848
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: US 60/214,087
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: US 60/258,692
PRIOR FILING DATE: 2000-12-29
NUMBER OF SEQ ID NOS: 875
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 86
LENGTH: 2000
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-09-887-576-86

Query Match
Best Local Similarity 84.0%; Score 18.6; DB 10; Length 2000;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCTCCCAATCATTTACTTTCT 25
|||||
DB 1796 CCTCCCAATCATTTACTTTCT 1772

RESULT 8

US-09-974-300-1501/c
Sequence 1501, Application US/09974300
Patent No. US20020146721A1
GENERAL INFORMATION:
APPLICANT: Becker, Randy M.
APPLICANT: Clausen, Ib Grolh.
TITLE OF INVENTION: Methods for Monitoring Multiple Gene
FILE REFERENCE: 10085.500-US
CURRENT APPLICATION NUMBER: US/09/974,300
CURRENT FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: 09/680,598
PRIOR FILING DATE: 2000-10-06
PRIOR APPLICATION NUMBER: 60/279,526
PRIOR FILING DATE: 2001-03-27
NUMBER OF SEQ ID NOS: 8481
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1501
LENGTH: 708
TYPE: DNA
ORGANISM: Bacillus licheniformis

US-09-974-300-1501

Query Match
Best Local Similarity 87.0%; Score 18.2; DB 10; Length 708;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3 TCCCAATCATTTACTTTCT 25
|||||
DB 437 TCCCAATCATTTACTTTCT 415

RESULT 9

US-09-070-927A-128/c
Sequence 128, Application US/09070927A
Patent No. US200201161
GENERAL INFORMATION:
APPLICANT: Charles A. Kunsch
APPLICANT: Patrick J. Dillon
APPLICANT: Steven Barash
TITLE OF INVENTION: Enterococcus faecalis polynucleotides and polypeptides
NUMBER OF SEQUENCES: 982
CORRESPONDENCE ADDRESS:
ADDRESS: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: Maryland
COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44M storage
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/070,927A
FILING DATE: 04-May-2000
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/046,655
FILING DATE: 1997-05-16
APPLICATION NUMBER: 60/044,031
FILING DATE: 1997-05-06
APPLICATION NUMBER: 60/066,009
FILING DATE: 1997-11-14
ATTORNEY/AGENT INFORMATION:
NAME: Kenley K. Hoover
REGISTRATION NUMBER: 40,302
REFERENCE/DOCKET NUMBER: PR369
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 309-8504
TELEFAX: (301) 309-8512
INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
LENGTH: 32768 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 128:

Query Match
Best Local Similarity 87.0%; Score 18.2; DB 10; Length 32768;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCTCCCAATCATTTACTTTT 23
|||||
DB 16426 CCTCCCAATCATTTACTTTT 16404

RESULT 10

US-09-864-761-8440/c
Sequence 8440, Application US/09864761
Patent No. US20020048763A1

FILE REFERENCE: 10085,500-US
 CURRENT APPLICATION NUMBER: US/09/974,300
 CURRENT FILING DATE: 2001-10-05
 PRIOR APPLICATION NUMBER: 09/680,598
 PRIOR FILING DATE: 2000-10-06
 PRIOR APPLICATION NUMBER: 60/279,526
 PRIOR FILING DATE: 2001-03-27
 NUMBER OF SEQ ID NOS: 8481
 SOFTWARE: FASTSEQ for Windows Version 4.0
 SEQ ID NO: 1779
 LENGTH: 608
 TYPE: DNA
 ORGANISM: Bacillus licheniformis
 US-09-974-300-1779

Query Match 67.7% Score 17.6; DB 10; Length 608;
 Best Local Similarity 83.3%; Pred. No. 1.3e+02;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 TCCTCAATCAATTCATTTC 25
 ||| ||||| ||||| ||
 DB 92 CTCTCAATCAATTCATTTC 115

RESULT 14
 US-09-938-842A-3854
 Sequence 3854, Application US/09938842A
 Patent No. US20020160378A1
 GENERAL INFORMATION:
 APPLICANT: Harper, Jeff
 APPLICANT: Kreps, Joel
 APPLICANT: Wang, Xun
 APPLICANT: Zhu, Tong
 TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
 FILE REFERENCE: S01300-3
 CURRENT APPLICATION NUMBER: US/09/938,842A
 CURRENT FILING DATE: 2001-08-24
 PRIOR APPLICATION NUMBER: US 60/227,866
 PRIOR FILING DATE: 2000-08-24
 PRIOR APPLICATION NUMBER: US 60/254,647
 PRIOR FILING DATE: 2001-01-16
 PRIOR APPLICATION NUMBER: US 60/300,111
 PRIOR FILING DATE: 2001-06-22
 NUMBER OF SEQ ID NOS: 5379
 SEQ ID NO 3854
 LENGTH: 2000
 TYPE: DNA
 ORGANISM: Arabidopsis thaliana
 US-09-938-842A-3854

Query Match 67.7% Score 17.6; DB 9; Length 2000;
 Best Local Similarity 83.3%; Pred. No. 1.5e+02;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3 TCCTCAATCAATTCATTTC 26
 ||||| ||||| ||||| ||
 DB 12 TCCTCAATCAATTCATTTC 35

RESULT 15
 US-10-003-302-3/c
 Sequence 3, Application US/10003302
 Patent No. US20020142435A1
 GENERAL INFORMATION:
 APPLICANT: MERKIOV, Gennady et al.
 TITLE OF INVENTION: ISOLATED HUMAN LIPASE PROTEINS, NUCLEIC
 TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN LIPASE PROTEINS, AND USES
 FILE REFERENCE: C0001186D1V
 CURRENT APPLICATION NUMBER: US/10/003,302
 CURRENT FILING DATE: 2001-12-06
 NUMBER OF SEQ ID NOS: 4

SOFTWARE: FASTSEQ for Windows Version 4.0
 SEQ ID NO 3
 LENGTH: 22067
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-003-302-3

Query Match 67.7% Score 17.6; DB 12; Length 22067;
 Best Local Similarity 83.3%; Pred. No. 2e+02;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3 TCCTCAATCAATTCATTTC 26
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 DB 7089 TCCTCAATCAATTCATTTC 7066

Search completed, January 14, 2003, 15:13:45
 Job time : 35.3152 secs

